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TUTBURY RURAL DISTRICT COUNCIL



ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1947

by

CHARLES NIXON SMITH, M.C., M.B., Ch.B., D.P.H.

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TUTBURY RURAL DISTRICT COUNCIL

Public Health Department,
"Kingsley,"
44 Rolleston Road,
Burton-on-Trent

To the Chairman and Members of the
Tutbury Rural District Council

Mr. Chairman, Lady and Gentlemen,

I have the honour to present my annual report
for the year 1947.

The general health of the district has been
satisfactory.

Three cases of Infantile Paralysis occurred.

Scarlet Fever of a mild type has been rather
more prevalent.

There was no case of Diphtheria.

Progress has been made in the building of
Council Houses.

Vital statistics compare favourably with those for
England and Wales.

The Infantile Mortality Rate is half that of last
year, and is below the rate for the Country as a whole.

I have the honour to be,

Your obedient Servant,

CHARLES NIXON SMITH
Medical Officer of Health

PUBLIC HEALTH STAFF

Medical Officer of Health :—

CHARLES NIXON SMITH, M.C., M.B., D P.H.
(who is also M.O.H. Rugeley Urban District and
Assistant County M.O.H.)

Sanitary Inspector :—

A. S. BROAD, Cert. R.S.I. (who is also the Surveyor)

Assistant Sanitary Inspectors :—

G. T. W. ALLEN
R. BRUNNING

Clerk :—

E. M. COTTON

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in Acres	.....	.....	.....	31,708
Registrar General's estimate of Resident Population, Mid. 1947	.....	.....	.....	13,950
Number of inhabited houses, end of 1947 according to Rate Books	.....	.....	.....	4,242
Rateable Value	.....	.....	.....	£82,367
Sum represented by a penny rate	.....	.....	.....	£333

VITAL STATISTICS

		Total	M.	F.	Birth rate per 1,000 of estimated resid- ent population 19.14
LIVE BIRTHS	Legitimate	255	124	131	
	Illegitimate	12	7	5	
	Totals	267	131	136	

STILL BIRTHS	Legitimate	12	6	6	} Rate per 1,000 total births (live and still) 43 } Rate per 1,000 of estimated resident population, 0.86
	Illegitimate	0	0	0	

DEATHS	169	94	75	} Death rate per 1000 of estimated resid- ent population 12.11
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FOR ENGLAND AND WALES—Birth Rate—20.5
 Still Birth Rate 0.50
 Death Rate—12.0

DEATHS FROM PUERPERAL CAUSES

Puerperal Sepsis	Nil
Other Puerperal Causes	Nil

	Total	M.	F.
	9	7	2
Legitimate	9	7	2
Illegitimate	0	0	0

INFANTILE MORTALITY RATE—33.7

INFANTILE MORTALITY RATE
FOR ENGLAND AND WALES 41

Deaths from Cancer (all ages)	.....	27
„ „ Measles (all ages)	.....	1
„ „ Whooping Cough (all ages)		Nil
„ „ Diarrhoea (under 2 years of age)		1

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

WATER.

The greater part of the Rural District is supplied with water from the mains of the South Staffordshire Waterworks Co., and this supply has been satisfactory both in quality and quantity. No new sources of supply have been provided, but a scheme has been submitted to the County Council and the Ministry of Health under the Rural Water Supplies and Sewerage Act, 1944, to provide a public supply of water in the Parishes of Yoxall, Wychnor, Tatenhill, Dunstall, Barton under-Needwood, Hanbury, Anslow and Rolleston from the South Staffordshire Waterworks Co's. mains. The scheme has been approved by the Ministry of Health and tenders are being obtained for carrying out the work.

Three short lengths of main have been extended at Hanbury, Barton and Rolleston, to provide for the needs of several outlying properties.

The township of Tutbury is supplied with water from the Rural District Council's own Scheme. The supply in this case has been satisfactory as to quality, but due to the greatly increased consumption during the past few years the storage capacity of the reservoir has now become little more than one day's supply. This is, of course, not sufficient reserve, and serious consideration should be given to the provision of additional storage capacity.

The water at Tutbury is chlorinated as required by the Ministry of Health. Bacteriological examination and chemical analysis have been made of this water, and it was found that the Coli Aerogenes Content (presumptive Coli) was Nil per 100 ml. after 48 hours incubation at 37° Cent. The Chemical Analysis showed the water to be organically of satisfactory quality, but very hard.

The hardness before boiling was	39.2°
The hardness after boiling was	15.4°
Temporary hardness	23.8°

The number of houses in the Rural District which are supplied with water from public mains is as follows

PARISH	No. of houses supplied with water from public mains	Estimated population served by same
Anslow	55	214
Barton-under-Needwood	341	1359
Branston	506	1823
Dunstall	36	130
Hanbury	77	305
Outwoods	563	1732
Rolleston	356	1062
Stretton	538	1511
Tatenhill	Nil	Nil
Tutbury	523	1829
Wychnor	1	6
Yoxall	Nil	Nil
Totals	2996	9971

DRAINAGE AND SEWERAGE.

No new sewers have been laid during the year, but Messrs. Willcox, Raikes & Marshall, Consulting Engineers are preparing schemes of sewerage and sewage disposal for the parishes of Yoxall, Tatenhill, Hanbury, Anslow, and a portion of Dunstall and Rolleston. A scheme has also been submitted to the Ministry of Health for the re-construction of the Rolleston Sewage Pumping plant. Tenders have been accepted for the pumping plant, and the approval of the Ministry of Health is expected to the proposals for the buildings. Alterations to this pumping station are long overdue, and should receive the earliest possible attention.

PUBLIC CLEANSING.

As no notable improvement was made in the domestic scavenging in the Parishes of Barton, Branston, Outwoods, Rolleston, Stretton and Tutbury, it was decided to carry out the work by direct labour. Accordingly from 1st August, 1947, with two S. D. type freighters, a foreman and five men, a regular fortnightly collection of house refuse, and a weekly collection of nightsoil was made in the above mentioned Parishes,

and I am pleased to be able to state that the improvement in the service has been considerable and complaints completely eliminated. Further, the condition of the refuse tip being controlled by direct labour, has also shewn considerable improvement.

The domestic scavenging in the Parish of Hanbury is carried out by contract, and the work has been of a satisfactory standard throughout the year.

Orders have been placed with the makers for two new S.D. type freighters, and when delivery of these is made, further extensions of the refuse collection scheme by direct labour may envisaged in other Parishes.

CLOSET ACCOMMODATION.

Twenty privies or pan closets have been abolished and water closets substituted by owners during the year.

SMOKE ABATEMENT.

There have been no cases of excessive smoke during the year.

CAMPING SITES.

There are no recognised camping sites in the District.

SWIMMING BATHS.

The only swimming bath in the district is a privately owned one in the village of Rolleston-on-Dove. This appears to be well managed and supervised.

ERADICATION OF BED BUGS.

There have been no cases of infestation by bed bugs during the year. There have, however, been three cases of infestation by fleas, and in each case the premises were sprayed with "Zaldecide" (containing D.D.T.). This treatment appeared to be effective.

SECTION D

HOUSING

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:—

- | | | |
|---------|---|-----|
| (1) (a) | Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) | 251 |
| (b) | Number of inspections made for the purpose | 251 |
| (2) (a) | Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 | Nil |
| (b) | Number of inspections made for the purpose | Nil |
| (3) | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | Nil |
| (4) | Number of dwelling-houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 160 |

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	193
---	-----

HOUSING SURVEY.

No further work has been done on the Rural Housing Survey since the temporary Housing Inspector left your employment in September, 1946.

Steps should be taken to see that this work is completed as soon as possible

During the year 6 private enterprise houses were completed and occupied ; 16 Council Houses were completed and 11 occupied.

SECTION E

INSPECTION AND SUPERVISION OF FOOD

MILK SUPPLY.

The cowsheds and dairies of the district have been inspected from the Sanitary Inspector's department.

Inspections of food shops in the district have been made by the Sanitary Inspector's staff. Six condemnation certificates were issued in respect of quantities of food found to be unfit for human consumption.

SECTION F

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

INFECTIOUS DISEASES.

Scarlet Fever of a mild type has been rather more prevalent.

There was no case of Diphtheria during the year.

IMMUNISATION AGAINST DIPHTHERIA.

Sessions have been held regularly at the five Infant Welfare Centres in the district, and sessions at Schools as required.

PRIMARY IMMUNISATIONS.

126 Children under 5 years of age were immunised.

8 Children of School age were immunised.

134 Total number of children immunised.

REINFORCING INJECTIONS.

106 School children were treated.

DIPHTHERIA IMMUNISATION ANNUAL RETURN TO THE MINISTRY OF HEALTH FOR YEAR ENDED 31st DECEMBER, 1947

Number of children who had completed a full course of Immunisation at any time up to
31st December, 1947

Age at 31/12/47	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938-1942	10 to 14 1933-1937	Total under 15
Number immunised	2	86	140	165	138	963	866	2360
Estimated mid-year child population 1947	Children under 5					Children 5 to 14		
	1240					2010		3250

20

Disease	Total cases notified	Cases admitted to Hospital	Total Deaths
Scarlet Fever	62	39	Nil
Diphtheria	Nil	Nil	Nil
Erysipelas	2	Nil	Nil
Measles	167	Nil	Nil
Whooping Cough	33	Nil	Nil
Ophthalmia Neonatorum	1	Nil	Nil
Acute Polio Myelitis	3	3	Nil

ANALYSIS OF NOTIFIED CASES ACCORDING TO AGE

Disease	AGE GROUPS											
	Under 1 year	1	2	3	4	5	6 to 10	11 to 15	16 to 20	21 to 35	36 to 45	46 to 65
Scarlet Fever		1		1	2	10	20	13	5	6	4	
Erysipelas										1		1
Measles	2	11	19	17	25	34	50	2	2	4	1	
Whooping Cough	3	4	2	6	3	11	3					
Acute Polio Myelitis	1	1			1							

TUBERCULOSIS

Cases on Tuberculosis Register, 31st December, 1947

MALES		FEMALES		TOTAL
Respiratory	Non-Respiratory	Respiratory	Non-Respiratory	
39	19	17	9	84

The total figure of 84 cases shows an increase over that of the last year.

New Cases and Mortality during 1947

AGE PERIODS	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	—	—	—	—
1—5	—	—	—	—	—	—	—	—
6—15	—	—	—	—	—	—	—	—
16—25	2	1	—	—	—	1	—	—
26—35	2	1	—	2	—	1	—	—
36—45	—	—	—	—	1	—	—	—
46—55	—	1	—	—	—	—	—	—
56—65	—	—	—	—	—	—	—	—
Over 65	—	1	—	—	—	—	—	—
Totals	4	4	—	2	1	2	—	—

CANCER

Deaths from Cancer for Year ended 31st December, 1947

Sex	AGE GROUPS.								Total
	Under 26	26 to 35	36 to 45	46 to 55	56 to 65	66 to 75	76 to 85	Over 85	
M	—	—	1	2	4	5	2	—	14
F	—	—	—	2	4	3	3	1	13

Causes of Death in Tutbury Rural District during the year 1947

Causes of Death		Male	Female
ALL CAUSES		94	75
		<hr/>	<hr/>
1.	Typhoid and paratyphoid Fevers	—	—
2.	Cerebro-spinal Fever ..	—	—
3.	Scarlet Fever ...	—	—
4.	Whooping Cough ...	—	—
5.	Diphtheria ...	—	—
6.	Tuberculosis of respiratory system	1	2
7.	Other forms of Tuberculosis	—	—
8.	Syphilitic diseases ...	2	—
9.	Influenza ...	—	—
10.	Measles ...	1	—
11.	Ac: polio-myel and polio-enceph.	—	—
12.	Ac: inf: enceph ...	—	—
13.	Cancer of buc: Cav: and œsoph: (M)		
	uterus (F)	1	2
14.	Cancer of stomach and duodenum	2	1
15.	Cancer of breast ...	—	—
16.	Cancer of all other sites ...	11	10
17.	Diabetes ..	1	—
18.	Intra-cranial vascular lesions	7	11
19.	Heart disease ...	27	25
20.	Other circulatory diseases ..	4	1
21.	Bronchitis ...	4	3
22.	Pneumonia ...	3	4
23.	Other respiratory diseases ...	1	—
24.	Ulcer of stomach or duodenum	1	—
25.	Diarrhœa (under 2 years) ...	1	—
26.	Appendicitis ...	—	—
27.	Other digestive diseases	—	2
28.	Nephritis ...	3	1
29.	Puerperal and post-abortion: sepsis	—	—
30.	Other maternal causes ...	—	—
31.	Premature birth ...	5	1
32.	Con: mal: birth inj: infant diseases	2	—
33.	Suicide ...	—	—
34.	Road traffic acc: ...	2	—
35.	Other violent causes ...	4	2
36.	All other causes ...	11	10

Prescribed particulars on the administration of the Factories Act, 1937

1.—INSPECTIONS for purposes of provisions as to health (Including Inspections made by Sanitary Inspectors)

PREMISES (1)	M/C line No. (2)	Number on Register (3)	Number of			M/C line No. (7)
			Inspections (4)	Written Notices (5)	Occupiers Prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	30	20	3		1
(ii) Factories not included in (i) to which Section 7 applies						
(a) Subject to the Local Authorities (Transfer of Enforcement) Order, 1938†	2	33	21	4		2
(b) Others	3	—				3
(iii) Other Premises under the Act§ (excluding out-workers' premises)	4	—				4
TOTAL		63	41	7		

2.—Cases in which DEFECTS were found

PARTICULARS (1)	M/C line No. (2)	No. of cases in which defects were found				Number of cases in respect of which Prosecutions were instituted (7)	M/C line No. (8)
		Found (3)	Remedied (4)	Referred to H.M. Inspector (5)	Referred to H.M. Inspector (6)		
Want of cleanliness (S 1)	5	2	2		1		5
Overcrowding (S 2)	6						6
Unreasonable temperature (S 3)	7						7
Inadequate ventilation (S 4)	8						8
Ineffective drainage of floors (S 6)	9						9
Sanitary Conveniences { insufficient unsuitable or defective not separate for sexes (S 7)	10 11 12	4	3		1		10 11 12
Other offences (not including offences relating to Homework)	13	1	1				13
TOTAL	60	7	6		2		60

† S.R. & O. 1938 No. 488

§ i.e. Works of Building and Engineering Construction, Electrical Stations should be reckoned as factories

TUTBURY RURAL DISTRICT COUNCIL

Summary of work done in the Sanitary Inspector's Department during the Year 1947,
in the Rural District of Tutbury.

	Inspec- tions	Defects found	Informal Notices by Inspector	Formal Notices by Authority	Nuisances abated after Notices by Inspector	Nuisances abated by Authority
Defective Floors	4	4	4	—	3	—
Dampness	24	24	22	—	24	—
Verminous Premises	1	1	1	—	1	—
Foul Conditions	1	1	1	—	1	—
Animals kept as a Nuisance	—	—	—	—	—	—
Structural Defects	49	49	32	—	34	—
Defective Sinks	16	16	9	—	14	—
Defective and choked drains	33	33	26	—	30	—
Water Supply	32	32	14	—	28	—
Privies converted to W.Cs.	36	36	13	2	20	2
Ashpits and Privies	55	55	38	—	36	—
Dairies, Cowsheds, and Milkshops	45	21	15	—	19	—
Bakehouses	9	3	2	—	3	—
	305	275	177	2	213	2

Precautions against Infectious Diseases

Schools disinfected	1
Houses disinfected after Infectious Disease and Deaths, etc.	72
Samples of Water taken and found to be unfit	3
Samples of Water taken and found to be fit	1

A. S. BROAD, Sanitary Inspector

A. E. JONES & SON, Printers.
